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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/090,391	03/04/2002	David Frederick Jordan	17804	4865

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EXAMINER

CLINGER, JAMES C

ART UNIT PAPER NUMBER

2821

DATE MAILED: 09/18/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.
10/090,391

Applicant(s)
Jordan

Examiner
Jim Clinger

Art Unit
2821



-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE three MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136 (a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on Aug 7, 2003
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-24 is/are pending in the application.
- 4a) Of the above, claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-6, 8-10, 12-22, and 24 is/are rejected.
- 7) ☒ Claim(s) 7, 11, and 23 is/are objected to.
- 8) ☐ Claims _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on Mar 4, 2002 is/are a) ☐ accepted or b) ☒ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- *See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s). 5 & 6
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other:

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DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-2, 5-6, 10, 13, 15 and 24 are rejected under 35 U.S.C. 102(b) as being anticipated by Sauer(6,198,447).

Claims 1-2, 10, 13 and 24, figure 2 of Sauer discloses a piece of glass(1), an RF grounding path(9) coupled to an antenna(6), and an adhesive providing an electrical path between the grounding path and a frame of a vehicle(col. 2, line 63 - col. 3, line 6).

Claims 5-6 and 15, the above disclosed antenna is mounted in a front windshield before the windshield is installed.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made

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to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 3-4, 8-9, 16 and 18-20 are rejected under 35 U.S.C. 103(a) as being unpatentable over Sauer in view of Essex advertisement of 2/27/02.

Sauer discloses an adhesive, but does not disclose the specifically recited adhesive.

Claims 3-4 and 19-20, the Essex advertisement discloses the recited adhesives for improved fastening of windshields and to windshields.

Claims 8-9, conductive epoxy adhesives are well known in the art.

Claim 16, silicon is a well known in the art additive for the type of gasket disclosed and referenced above.

Claim 18, the use of silver as an additive in a conductor is well known in the art.

It would have been obvious to one of ordinary skill in the art at the time of the invention to use the adhesive disclosed in Essex with the windshield and antenna disclosed in Sauer for improved fastening of articles to windshields.

5. Claims 12, 14, 17 and 21-22 are rejected under 35 U.S.C. 103(a) as being unpatentable over Sauer in view of Fusinski(5,959,581).

Sauer does not disclose an antenna unit.

Claim 14, Fusinski discloses capacitive coupling(col. 2, lines 28-29).

Claims 12, 17, 21-22, figure 4 of Fusinski discloses mounting a GPS antenna unit(41) as recited to a windshield(18) for wireless communications(col. 2).

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It would have been obvious to one of ordinary skill in the art at the time of the invention to use the antenna related structures disclosed in Fusinski with the antenna disclosed in Sauer for improved wireless communications as disclosed in Fusinski.

Allowable Subject Matter

6. Claims 7, 11 and 23 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

7. The following is a statement of reasons for the indication of allowable subject matter.

The following limitations are primarily responsible for distinguishing the above claims over the prior art. Regarding claims 7, 11 and 23, the limitation concerning the conductive gasket being disposed between the antenna and the grounding path.

Response to Arguments

8. Applicant's arguments with respect to claims 1-6, 8-10, 12-22 and 24 have been considered but are moot in view of the new ground(s) of rejection.


Correspondence

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Examiner Jim Clinger whose phone number is (703) 305-0619.

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Any inquiry of a general nature or relating to the status of this application should be directed to the Technology Center whose telephone number is (703) 308-0956.

Papers related to Technology Center 2800 applications only may be submitted to Technology Center 2800 by facsimile transmission. Any transmission not to be considered an official response must be clearly marked "DRAFT". The faxing of such papers must conform with the notice published in the Official Gazette, 1096 OG 30 (November 15, 1989). The Technology Center Fax Center number is (703) 308-7722 or (703) 308-7724.

A handwritten signature in black ink, appearing to read "Jull", with a long horizontal stroke extending to the right.